CON-TROL-CURE®

504 SPECTRODENSITOMETER

The X-Rite 504 Spectrodensitometer brings the newest color control technology to a low-cost instrument designed specifically to monitor basic color reproduction processes. It calculates the most common density and density difference functions for highly accurate results every time.

The 504 Handles Your Basic Pressroom Needs

The 504's low cost and convenience make it the perfect instrument for monitoring basic 2- and 3-color printing processes in commercial, packaging, and newspaper printing. The 504 goes wherever it's needed on the pressroom floor. It calculates each measurement quickly and accurately. Plus, a special news mode optimizes newsprint measurements. All these features improve your bottom line by maximizing efficiency and precision.

The 504 Is Ideal For Color Calibration

Because it excels everywhere density data is needed, the 504 also works great for calibrating digital output devices like color copiers, proofers and printers.

What could be simpler? Our entry-level model 504 measures any density status quickly and reliably.

- Large display shows choice of single, 3-color or 4-color density values
- Density references to store shop or customer specs & see if density changes are needed
- Features high-impact materials for reliability and an industry-leading 3 year warranty
- Upgrade via keycode to add dot area, trap, color or spectral data
- Only X-Rite lets you select a measurement aperture - microspot 1.6 x 3.2 mm, small 2.0 mm, medium 3.4 mm or large 6.0 mm

SPECIFICATIONS

Measurement Geometry

45°/0° per ANSI & ISO Standards

Spot Size at Sample

3.4 mm (0.13 in) standard

2 mm (0.078 in) optional

6 mm (0.236 in) optional

1.6 mmH (0.051 in) x 3.2 mmW (0.102 in) Micro-Spot optional

Light Source

Gas Pressure @ 2856°

Response Types

T, E, I, A, G,Tx, Ex, Hi-Fi

Measurement Range

0.00D to 2.5D; 0 to 160%R

Measurement Time

Approx. 1.4 seconds, approx. 0.9 seconds for consecutive measurements in Speed Read mode

Warm Up Time

None

INSTRUMENT ATTRIBUTES

Aperture Size: Standard (3.4 mm)

Primary Market: Printing - Sheetfed

Primary Application: Pressroom QC

Filter Options: T, G, E, I, A, Hi-Fi

AC Adaptor: US: 120V AC -> 12V DC

24-HOUR PRODUCT SERVICES

Internet: www.uvprocess.com

E-mail: info@uvps.com

UVPS®

UV PROCESS SUPPLY, INC.

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SPECIFICATIONS (cont.):

Repeatability

+/- 0.005D 0 to 2.0D*

+/- 0.010D 2.0 to 2.5D*

*Polarized Yellow +/- 0.010 0 to 1.8D

Micro-Spot +/- 0.010D 0.0 to 1.8D

Data Interface

RS-232 serial interface with baud rates from 1200 to 57.6K communication

Power Source

Ni-MH battery pack, 4.8v rated @ 16250mAH

Environmental

+10° to 35°C operating, 30% to 85%RH non condensing

Physical Dimensions

Height: 81 mm (3.2 in)

Width: 76 mm (3.0 in)

Length: 197 mm (7.8 in)

Weight

1050 grams (2.3 lbs)

User Interface

- Sharp/reversible display
- Left- and right-hand operation
- Interactive menu and key system
- Clear recognition of function when measuring
- Auto color select
- Four-color display
- Multiple languages supported Security
- Lock out of specified functions
- Lock out of configuration menu
- Security cable (optional) Density Features
- Density (absolute or minus paper)
- Density Difference (16 reference values)
- Non-Heat mode for newspapers

ACCESSORIES PROVIDED

- Calibration Reference
- Getting Started Guide
- CD Operator's Manual
- AC Adapter
- Carrying Case

Note: X-Rite calibration references are traceable to the U.S. National Institute of Standards and Technology through Munsell Color Science Laboratory RIT.

PART NUMBER	DESCRIPTION
M003-022	**504 SPECTRODENSITOMETER**

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